



PTO/SB/30 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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RCE  
1700  
#8  
10/9/02

# REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL

Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000, provides for continued examination of an utility or plant application filed on or after June 8, 1995.

See The American Inventors Protection Act of 1999 (AIPA).

Application Number	09/757,123
Filing Date	January 9, 2001
First Named Inventor	Athavale
Group Art Unit	1765
Examiner Name	Charlotte A. Brown
Attorney Docket Number	01 P 7408 US 01

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.

**NOTE:** 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. § 1.53 (d) (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. See Changes to Application Examination and Provisions Application Practice, Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000), which established RCE practice.

## 1. Submission required under 37 C.F.R. § 1.114

- a.  Previously submitted
  - i.  Consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on \_\_\_\_\_  
(Any unentered amendment(s) referred to above will be entered).
  - ii.  Consider the arguments in the Appeal Brief or Reply Brief previously filed on \_\_\_\_\_
  - iii.  Other \_\_\_\_\_
- b.  Enclosed
  - i.  Amendment/Reply
  - ii.  Affidavit(s)/Declaration(s)
  - iii.  Information Disclosure Statement (IDS)
  - iv.  Other \_\_\_\_\_

## 2. Miscellaneous

- a.  Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of \_\_\_\_\_ months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(l) required)
- b.  Other \_\_\_\_\_

## 3. Fees

The RCE fee under 37 C.F.R. § 1.17(c) is required by 37 C.F.R. § 1.114 when the RCE is filed.

- a.  The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 19-2179
  - i.  RCE fee required under 37 C.F.R. § 1.17(e)
  - ii.  Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)
  - iii.  Other \_\_\_\_\_
- b.  Check in the amount of \$ \_\_\_\_\_ enclosed
- c.  Payment by credit card (Form PTO-2038 enclosed)

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print/Type)	Stanton C. Braden	Registration No. (Attorney/Agent)	32,556
Signature		Date	September 26, 2002

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OCT 09 2002  
TC 1700

09757123

## CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service as first class mail, postpaid in an envelope addressed to: Attn: Box RCE, Assistant Commissioner for Patents, Washington, D.C. 20231 on the date indicated below.

Name (Print/Type)	Frank V. DeRosa	Date	9/26/02
Signature			

10/04/2002 SSITHB1 00000004 192179  
740.00 CH  
01 FC:179



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PTO/SB/17 (10-01)  
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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 740.00)

## Complete if Known

Application Number	09/757,123
Filing Date	01/09/2001
First Named Inventor	Athavale et al.
Examiner Name	Charlotte A. Brown
Group Art Unit	1765
Attorney Docket No.	01 P 7408 US 01 (8055-142)

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## METHOD OF PAYMENT

- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:  
Deposit Account Number 19-2179  
Deposit Account Name Siemens Corporation  
  
 Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
  
 Applicant claims small entity status.  
See 37 CFR 1.27
- Payment Enclosed:  
 Check  Credit card  Money Order  Other

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	740.00
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) _____					
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$ 740.00)

\*\*or number previously paid, if greater. For Reissues, see above

Complete if applicable

SUBMITTED BY Name (Print/Type)	Stanton C. Braden	Registration No. (Attorney/Agent)	32,556	Telephone	(732) 321-3150
Signature				Date	09/26/2002



#9/8  
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TC 1700

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Athavale et al.

Examiner: Brown, Charlotte A.

Serial No: 09/757,123

Group Art Unit: 1765

Filed: January 9, 2001

Docket: 01P7408US01 (8055-142)

For: **METHOD FOR DRY ETCHING DEEP TRENCHES IN A SUBSTRATE**

Assistant Commissioner for Patents  
Washington, D.C. 20231

AMENDMENT

This is a response to the Final Office Action dated June 26, 2002. A RCE (request for continued examination) has been filed herewith. Please amend the above-identified application as follows:

In The Claims:

*Sub C1*  
1. (Twice Amended) A method for etching deep trenches in a substrate, comprising the steps of:

securing a wafer to an electrode in a plasma chamber, the wafer comprising a silicon substrate;

heating the wafer to a temperature of greater than 200 degrees Celsius; and exposing the wafer to a reactive plasma to etch deep trenches into the silicon substrate of the wafer, wherein the deep trenches have a depth of about 7um or greater.

CERTIFICATE OF MAILING 37 C.F.R. § 1.8(a)

I hereby certify that this correspondence (and any document referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail, postage paid in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on September 26, 2002.

Dated: 9/26/02

  
Frank V. DeRosa